

Docket No.: 58799-043

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of :  
Kazutoshi HIGUCHI :  
Serial No.: : Group Art Unit:  
Filed: April 27, 2001 : Examiner:  
For: PORTABLE MOBILE UNIT :

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to examination of the above-referenced application, please amend the application as follows:

**IN THE SPECIFICATION:**

On page 1, please change lines 4-8 to read as follows:

This invention relates to a portable mobile unit, and more particularly to a portable mobile unit suitably used to give an alarm when an uplink signal does not reach a base station even though a downlink signal can be received normally at the mobile unit.

On page 1, lines 19+, please change the paragraph to read as follows:

Japanese Patent Laid-Open No. 335904/1996 discloses a portable mobile unit for detecting an abnormality-representing signal when the level of the signal transmission power increases to a predetermined reference level or more due to a fault of the portable mobile unit continues for a period of time not shorter than a predetermined reference period of time, and then raise an alarm.

On page 2, lines 6, please change the following paragraphs to read as follows:

A portable mobile unit disclosed in Japanese Patent Laid-Open No. 335894/1996 is for detecting the abnormality ascribed to a fault of the portable mobile unit, and cannot deal with the deterioration of the line speech quality.

#### SUMMARY OF THE INVENTION:

The object of the present invention is to provide a portable mobile unit which is very convenient for a user by giving an alarm when the uplink speech quality lowers even though a downlink signal is normal. The portable mobile unit in the present invention is capable of immediately notifying its user that a signal sent out from the mobile unit does not reach a base station.

According to an aspect of the present invention, the portable mobile unit has a capability of making bi-directional wireless communication, and includes a controller for controlling the intensity of a transmission signal on the basis of a control signal contained in a received signal, a control operation being carried out so as to at least either display abnormality or give an alarm when an intensity control signal contains a command to set a transmission signal to a maximum transmission output with an intensity of a received signal within a predetermined range.

#### MARKED UP VERSION ILLUSTRATING AMENDMENTS

On page 1, lines 4-8 to read as follows:

This invention relates to a portable mobile unit, and more particularly to a portable mobile unit suitably used to give an alarm when an uplink signal [only] does not reach a base station even though a downlink signal can be received normally at the mobile unit.

On page 1, lines 19+, please change the paragraph to read as follows:

Japanese Patent Laid-Open No. 335904/1996 discloses a portable mobile unit for [detect] detecting an abnormality-representing signal when the level of the signal transmission power increases to a predetermined reference level or more due to a fault of the portable mobile unit continues for a period of time not shorter than a predetermined reference period of time, and then raise an alarm.

On page 2, lines 6, please change the following paragraphs to read as follows:

A portable mobile unit disclosed in Japanese Patent Laid-Open No. 335894/1996 is for [detect] detecting the abnormality ascribed to a fault of the portable mobile unit, and cannot deal with the deterioration of the line speech quality.

#### SUMMARY OF THE INVENTION:

The object of the present invention is to provide a portable mobile unit which is very convenient for a user by giving an alarm when the uplink speech quality lowers even though a downlink signal is normal. The portable mobile unit in the present invention is capable of immediately notifying its user that a signal sent out from the mobile unit does not reach a base station.

According to an aspect of the present invention, the portable mobile unit has a capability of making bi-directional wireless communication, and includes a controller for [control] controlling the intensity of a transmission signal on the basis of a control signal contained in a received signal, a control operation being carried out so as to at least either display abnormality or give an alarm when [a] an intensity control signal contains a command to set a transmission signal to a maximum transmission output with [a] an intensity of a received signal within a predetermined range.

#### REMARKS

Entry of this preliminary amendment is respectfully requested.

MCDERMOTT, WILL & EMERY



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:ykg  
**Date: April 27, 2001**  
Facsimile: (202) 756-8087